

We claim:

1. An automotive passenger vehicle wheel construction having a disc fabricated from sheet metal and including a central bolt circle mounting portion, an intermediate portion extending generally radially outwardly from the bolt circle mounting portion and an outer peripheral portion surrounding the intermediate portion, the disc outer peripheral portion being formed to provide an outboard tire bead retaining flange for the wheel, and a rim part including an inboard tire bead retaining flange, an inboard tire bead seat portion, a drop-center well portion and an outboard bead seat portion, the outboard edge of the rim part comprising a radially in-turned rim flange portion extending circumferentially continuously around the rim edge adjacent the rim outboard bead set, the rim flange portion having serrations on an outboard side thereof, the serrations engaging the outer peripheral portion of the disc, and a continuous weld between the radially in-turned rim flange portion and the outer peripheral portion of the disc and into at least some of the serrations securing the rim and disc together.

2. The wheel as set forth in claim 1 wherein the disc has an annular array of vent holes disposed in the intermediate section and axially inboard offset marginal portions individually surrounding each of the vent holes.

3. The wheel as set forth in claim 2 wherein the vent hole offset marginal portions are produced by a coining operation to reinforce the disc against stress fatigue in the vicinity of each vent hole.

4. The wheel as set forth in claim 2 wherein the rim is roll formed from sheet steel and the disc is fabricated in stamping operations from sheet steel.